

SEQUENCE LISTING

<110> Centre National de la Recherche Scientifique

<120> Novel mammalian secreted group IIF phospholipase A2

<130> 10365PCT

<140> PCT/IB01/XXXXX

<141> 2001-10-11

<150> US 60/239,491

<151> 2000-10-11

<160> 4

<170> PatentIn version 3.0

<210> 1

<211> 507

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (1)..(507)

<223> cDNA encoding human group IIF secreted phospholipase A2

<400> 1

atg aag aag ttc ttc acc gtg gcc atc ctt gct ggc agc gtt ctg tcc 48

Met Lys Lys Phe Phe Thr Val Ala Ile Leu Ala Gly Ser Val Leu Ser

1 5 10 15

aca gct cac ggc agc ctg ctc aac ctg aag gcc atg gtg gag gcc gtc 96

Thr Ala His Gly Ser Leu Leu Asn Leu Lys Ala Met Val Glu Ala Val

20 25 30

aca ggg agg agc gcc atc ctg tcc ttc gtg ggc tac ggt tgc tac tgt 144

Thr Gly Arg Ser Ala Ile Leu Ser Phe Val Gly Tyr Gly Cys Tyr Cys

35 40 45

ggg ctg ggg ggc cgt ggc cag ccc aag gat gag gtg gac tgg tgc tgc 192

Gly Leu Gly Gly Arg Gly Gln Pro Lys Asp Glu Val Asp Trp Cys Cys

50 55 60

cac gcc cac gac tgc tgc tac cag gaa ctc ttt gac caa ggc tgt cac 240

His Ala His Asp Cys Cys Tyr Gln Glu Leu Phe Asp Gln Gly Cys His

65 70 75 80

ccc tat gtg gac cac tat gat cac acc atc gag aac aac act gag ata 288

Pro Tyr Val Asp His Tyr Asp His Thr Ile Glu Asn Asn Thr Glu Ile

85 90 95

gtc tgc agt gac ctc aac aag aca gag tgt gac aag cag aca tgc atg 336

Val Cys Ser Asp Leu Asn Lys Thr Glu Cys Asp Lys Gln Thr Cys Met

100 105 110

tgt gac aag aac atg gtt ctg tgc ctc atg aac cag acg tac cga gag 384

Cys Asp Lys Asn Met Val Leu Cys Leu Met Asn Gln Thr Tyr Arg Glu

115 120 125

gag tac cgt ggc ttc ctc aat gtc tac tgc cag ggc ccc acg ccc aac 432

Glu Tyr Arg Gly Phe Leu Asn Val Tyr Cys Gln Gly Pro Thr Pro Asn

130 135 140

tgc agc atc tatgaa ccc ccc cctgag gag gtc acc tgc agt cac caa 480
Cys Ser Ile Tyr Glu Pro Pro Pro Glu Glu Val Thr Cys Ser His Gln
145 150 155 160

tcc cca gcg ccc ccc gcc cct ccc tag 507
Ser Pro Ala Pro Pro Ala Pro Pro
165

<210> 2

<211> 168

<212> PRT

<213> Homo sapiens

<400> 2

Met Lys Lys Phe Phe Thr Val Ala Ile Leu Ala Gly Ser Val Leu Ser
1 5 10 15

Thr Ala His Gly Ser Leu Leu Asn Leu Lys Ala Met Val Glu Ala Val
20 25 30

Thr Gly Arg Ser Ala Ile Leu Ser Phe Val Gly Tyr Gly Cys Tyr Cys
35 40 45

Gly Leu Gly Gly Arg Gly Gln Pro Lys Asp Glu Val Asp Trp Cys Cys
50 55 60

His Ala His Asp Cys Cys Tyr Gln Glu Leu Phe Asp Gln Gly Cys His
65 70 75 80

Pro Tyr Val Asp His Tyr Asp His Thr Ile Glu Asn Asn Thr Glu Ile
85 90 95

Val Cys Ser Asp Leu Asn Lys Thr Glu Cys Asp Lys Gln Thr Cys Met
100 105 110

Cys Asp Lys Asn Met Val Leu Cys Leu Met Asn Gln Thr Tyr Arg Glu
115 120 125

Glu Tyr Arg Gly Phe Leu Asn Val Tyr Cys Gln Gly Pro Thr Pro Asn
130 135 140

Cys Ser Ile Tyr Glu Pro Pro Pro Glu Glu Val Thr Cys Ser His Gln
145 150 155 160

Ser Pro Ala Pro Pro Ala Pro Pro
165

3

<210> 3
<211> 25
<212> DNA
<213> unidentified
<220>
<221> misc_feature
<222> (1)..(25)
<223> Sense primer used in RT-PCR experiments
<400> 3
atgaagaagt tctcaccgt ggcca 25

<210> 4
<211> 26
<212> DNA
<213> unidentified
<220>
<221> misc_feature
<222> (1)..(26)
<223> Reverse primer used in RT-PCR experiments
<400> 4
accctctcc cgctctctct ctcaa 26